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PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 1st August 1964

CORRIGENDUM

In the Gazette of India, Part III, Section 2, dated 14th December 1963—

In page 495, column 1, under the heading "Applications Accepted"—

for No. "86088"

read No. "86008"

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

13th July 1964

94649. Associated Lead Manufacturers Limited and Associated Electrical Industries Limited. Improvements in the manufacture of dispersion strengthened lead.

94650. N. Palaniandy. Degritting machine.

94651. Sita Gupta. Pipe drilling and tapping machine.

94652. J. Singh. Animation-slide projector.

94653. Garlock Inc. Fabric based packing ring blank and packing ring made therefrom. (25th July 1963).

94654. Farbenfabriken Bayer Aktiengesellschaft. Triarylmethane dyestuffs. (2nd June 1964).

94655. Rohm & Haas Company. Polymerizable reactive monomer and uses thereof.

94656. Turbomachines (Development) Limited. Flexible couplings with a single piece link. (21st May 1964).

94657. Girling Limited. Improvements in master cylinders for hydraulic braking systems.

94658. J. G. Jefferies. Improvements in and relating to alarm apparatus. (20th July 1963).

94659. Horton Manufacturing Co., Inc. Stop brake.

94660. Horton Manufacturing Co., Inc. Fluid operated clutch.

94661. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for dyeing and printing materials of fibrous structure containing hydroxyl groups.

94662. V. D. Roosa. Electric pump.

94663. Textile Paper Tube Company Limited and Sonoco Products Company. Textile carrier. (23rd August 1963).

94664. Knorr-Bremse Kommanditgesellschaft. Centre-buffer coupling for rail vehicles.

94665. Elitex, Sdruzeni podniku textilniho strojirenstvi. Device for clamping a rotating cylinder in textile machines, especially in cylindrical warping machines.

94666. Battelle-Institut e.V. Process for production of synthetic papers and non-woven materials from synthetic fibres. [Addition to No. 84845].

94667. Merck & Co., Inc. Processes for producing carboxylic acids.

94668. The Upjohn Company. Organic compound. [Addition to No. 80953].

94669. Veb Filmfabrik Wolfen. Processes for the manufacture of silver halide-gelatine emulsions containing a high proportion of silver. (20th May 1964).

94670. Giumen-Anstalt. Improvements in or relating to sliders for slide fasteners.

94671. Dr. K. Diebner. Lock-type gas separator. [Addition to No. 91513].

94672. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Dyeing textile material with vat and sulfur dyes.

94673. Farbwerke Hoechst Aktiengesellschaft, vormals Meister Lucius & Bruning. Granulated fertilizers and process for their manufacture.

94674. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Condensation products of urea and aldehydes and process for making them.

94675. Produits Chimiques Pechiney-Saint-Gobain. Improvements in or relating to the preparation of polymers and copolymers having a base of vinyl chloride. [Addition to No. 92423].

94676. Standard Telephones and Cables Limited. Improvements in or relating to metal plating. (1st August 1963).

94677. Standard Telephones and Cables Limited. Electric cable joints. (26th July 1963).

94678. Standard Telephones and Cables Limited. Decoder for pulse code modulation systems of communication. (25th September 1963).

94679. Standard Telephones and Cables Limited. Improvements in or relating to electrical circuits. (11th September 1963). [Addition to No. 86850].

94680. Compagnie Du Filage Des Metaux Et Des Joints Curty (Cefilac). Improvements in and relating to means for coating hot elements with powdered materials. (26th March 1964).

94681. Pirelli Societa Per Azioni. Improvements in or relating to pneumatic tyres for vehicle wheels. (28th April 1964). [Addition to No. 86049].
 94682. Emhart Corporation. Mold holder for glassware forming machine.
 94683. The Lummus Company. Regasifying a liquefied natural gas.
 94684. K. Nimtz. Method of and apparatus for controlling bobbin change in double-twist machines.
 94685. Aktiebolaget Svenska Flaktfabriken. Axial fan with adjustable blades.
 94686. Chemische Fabriek L. Van Der Grinten N. V. Diazotype material.
 94687. Organon Laboratories Limited. 5 α -hydroxy-6 β -amino steroids and the preparation thereof.
 94688. Kawasaki Steel Corporation. Metallurgical furnace.
 94689. Ciba Limited. Improved pesticides.

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94690. H. N. Pherwani. Original and novel combination of reflecting foil with lighter woollens and special army wear designed apparel.
 94691. Celanese Corporation of America. Filamentary material.
 94692. Karamchand Premchand Private Limited. A process for preparing N-substituted-1, 4-dihydro-quinazolic-4-ones.
 94693. Shell Internationale Research Maatschappij N. V. Thinwalled container having an expansion chamber.
 94694. Stamicarbon N. V. Pneumatic device for producing pressure surges.
 94695. The English Electric Company Limited. Production of fuse elements. (19th July 1963).
 94696. Fabbrica Italiana Magneti Marelli S.p.A. A device for intermittently operating the wiper arm of a windscreen wiper, particularly for motor vehicles.
 94697. Societe Des Sucreries Et De Distillerie D'Egypte. Continuous process for the extraction of sugar from sugar cane or its bagasse.
 94698. Sunbeam Corporation. Heating and steam generating subassembly for a pressing iron.
 94699. Pittsburgh Corning Corporation. Cellular glass nodules.
 94700. Inventio Aktiengesellschaft. Improvements in or relating to speed limiting apparatus for lifts and hoisting gears.
 94701. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to electrodes for gaseous discharge lamps.
 94702. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to field-effect transistors and to a device using such field-effect transistors.
 94703. Sumitomo Chemical Company Ltd. Cyclopropane-carboxylic acid esters.
 94704. Societa Edison S.p.A. Settore Chimico. Process for the polymerization of alpha-olefins.
 94705. The Babcock & Wilcox Company. Flexible welding electrodes.
 94706. Asahi Kasei Kogyo Kabushiki Kaisha. Apparatus for taking out rayon cakes in centrifugal spinning machines.
 94707. Veb Fotochemische Werke Berlin. Gelatine coatings containing hardeners.
 94708. Ministerul Industriei Petrolului Si Chimiei. Formulation method of pesticidal products based on S-triazine derivatives.

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94709. M. Zaheer. Paintings display cum storage cabinet.
 94710. Bright Brothers Private Limited. Improvements in or relating to a telephone number index.
 94711. J. R. Geigy A. G. Process for the production of new N'-substituted N-arylsulphonyl ureas.

94712. General Aniline & Film Corporation. Method for halomethylating phthalocyanines.
 94713. Magyar Hajo Es Darugyar. Jib crane, especially whipping crane with balancer.

94714. Unilever Limited. Process and apparatus for the production of stamped tablets of plastic materials. (18th July 1963).
 94715. Westinghouse Electric Corporation. Electrical apparatus.

94716. Dynamit Nobel Aktiengesellschaft. Method for the stabilization of polyvinyl chloride, vinyl chloride mixed polymer and chlorinated polyethylene.
 94717. Buckman Laboratories, Inc. Compositions containing monosubstituted 2-bromoacetophenones and processes for the same.

94718. Sandoz Ltd. Improvements in or relating to organic compounds. (16th July 1963).
 94719. Sandoz Ltd. Improvements in or relating to organic compounds. (16th July 1963).

94720. Lockspike Limited. A railway rail and fastening arrangement. (16th July 1963).

94721. Aladdin Industries, Incorporated. Vacuum bottles having plastic liners.

94722. Libbey-Owens-Ford Glass Company. Glazing closure and apparatus for producing same.

94723. Asahi Kasei Kogyo Kabushiki Kaisha. Method for measuring maturity of viscose solution.

94724. Asahi Kasei Kogyo Kabushiki Kaisha. Method for adding continuously very minute quantity of liquid chemical by a definite amount at a time.

94725. Asahi Kasei Kogyo Kabushiki Kaisha. Pot covers for spinning machines for synthetic fibers.

94726. A. M. Agranovich, B. M. Kopylev and V. V. Stoivhev. Aircraft silencer.

94727. Institute Organicheskoi Khimii Akademii Nauk Ukr. Ssr. Method of producing 1, 5-diphenyl-3-arylthioformazanes.

94728. Institute Organicheskoi Khimii Akademii Nauk Ukr. Ssr. The method of preparation of 1, 5-diphenyl-3-aroxyformazanes.

94729. Teamco Private Limited. Method of and machine for cutting grooves on rollers.

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94730. W. R. Grace & Co. Polymerization process.

94731. Indian Oxygen Limited. Means for initiating electric arcs between spaced electrodes. (25th July 1963).

94732. Forsvarets Fabriksstyrelse. Device for computing the displacement of the line of aim for fire arms. (29th September 1963).

94733. Imperial Chemical Industries Limited. New metal-complex monoazo dyestuffs. (16th August 1963).

94734. Siemens & Halske Aktiengesellschaft. Device for amplifying and/or modulating electrical waves. (1st April 1964).

94735. Concast AG. Improvements in casting of metals.

94736. Deutsche Gold Und Silber-Scheideanstalt Vormals Roessler. Nematocidal compositions. (26th June 1964).

94737. Zavody 9 Kvetna, Narodni Podnik. Internal shoe brake.

94738. H. C. Andersen. Closure for crown cork bottles and similar containers.

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94739. Toyo Rayon Kabushiki Kaisha and Osaka Kiko Company Limited. Method and apparatus for turning and bundling fibers for the production of continuous sliver from continuous chemical filament tow.

94740. Dr. Beck & Co. G.m.b.H. Electro insulating varnishes and processes for their manufacture.

94741. J. R. Geigy A. G. Process for the production of new piperidine derivatives. Accepted on 14th July 1964.

94742. J. R. Geigy A. G. Process for the production of new piperidine derivatives. Accepted on 14th July 1964.

94743. J. R. Geigy A. G. Process for the production of new 1, 2, 3, 6-tetrahydropyridine derivatives. Accepted on 14th July 1964.

94744. John Thompson Water Tube Boilers Limited. Baffles and/or supports for tube bends. (17th July 1963). Accepted on 14th July 1964.

94745. Bonded Fibre Fabric Limited. Improvements in or relating to the production of elongated binder particles of polymeric materials. (22nd July 1963). Accepted on 14th July 1964.

94746. B. R. D. Company Limited. Improvements in or relating to universal joints. (27th July 1963). Accepted on 14th July 1964.

94747. Snia Viscosa Societa' Nazionale Industria Applicazioni Viscosa S.p.A. Process for the stretching of polyamidic fibres. Accepted on 14th July 1964.

94748. Libbey-Owens-Ford Glass Company. Apparatus for bending glass sheets. Accepted on 14th July 1964.

94749. N. P. Industries. A product.

Alteration of date

86646. The claim to priority date has been altered from 1st March 1962 to 2nd November 1962.

93336. Ante-dated to 30th October 1962 under Section 5 of the Act.

93981. Ante-dated to 15th January 1963 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

84488. B. M. Dixit. Lappet shedding motion for old existing looms. Accepted on 13th July 1964.

The needle-bars having needles carrying whip threads penetrating warp threads from below before picking and being removed before beating, move horizontally, when needles are below warp-line, producing floats by means of a pattern disc.

84607. Ceskoslovenska akademie ved. A method of production of contact lenses. Accepted on 16th July 1964.

Spinning copolymerisation solution of hydrophilic monoolefinic monomers and 5% of cross-linking agent in mould wherein out surface is formed by mold and inner surface and edges are formed by action of centrifugal and surface forces.

84700. The Goodyear Tire & Rubber Company. Improvements in ethylene terephthalate-neopentyl terephthalate copolymers. Accepted on 16th July 1964.

Comprises reacting an ester forming terephthalic acid compound with a mixture of ethylene glycol and neopentyl glycol and condensing the glycol esters formed.

84785. Snia Viscossa Societa' Nazionale Industria Applicazioni Viscosa S.p.A. Method and equipment for the continuous preparation of caprolactam. Accepted on 14th July 1964.

Characterised by the nitrosation of cyclohexyl compounds having a tertiary carbon atom continuously and in the temperature range between 90—100°C with time of residence comprised between 1 and 15 minutes.

84796. G. S. Nevatia and H. P. Nevatia. Permanent-magnet system. Accepted on 14th July 1964.

Consisting of block shaped permanent magnet body, pole pieces 2, and cover sheet having projections is anchored in the side surfaces of the pole pieces.

84801. G. S. Nevatia and H. P. Nevatia. Permanent-magnet system of high field strength. Accepted on 17th July 1964.

Wherein the pole core is surrounded by a pole ring connected at its base, in that the cross-section of pole decreases in direction towards air gap.

84802. G. S. Nevatia and H. P. Nevatia. Magnet system with iron poles. [Addition to No. 84796]. Accepted on 14th July 1964.

Characterized by a deformation of the pole piece by calking, bending notching or pitting.

84821. G. S. Nevatia and H. P. Nevatia. Magnet material. Accepted on 13th July 1964.

Characterized in that the crushed material is annealed before shaping.

85029. National Steel Corporation. Improvements relating to blast furnaces. Accepted on 14th July 1964.

Iron bearing material, slag forming material and carbonaceous material being introduced in predetermined proportions at the top of the furnace, a combustion-supporting blast gas being introduced at the bottom of the furnace, the blast gas being preheated between 1000°F and 2315°F and a fuel slurry being injected into the combustion zone of the furnace.

85314. Renker-Belpa G.m.b.H. Process for the preparation of copying material without containing carbon. Accepted on 14th July 1964.

Ink layer of each writing sheet is provided with an overlayer transmitting ink when pressed and comprising plastics formed from reaction products of oligomeric unsaturated long-chain carboxylic acids, fatty acids and reactive amino groups.

85447. Council of Scientific and Industries Research. Heat flow transducer. Accepted on 16th July 1964.

Winding constantan wire over a disc or strip of non-conducting material leaving the two ends of the wire projecting out, and silver plating a part of the wound disc, protecting the silver plated wound disc by a pair of cover plates of non-conducting material and calibrating the protected wire wound silver plated disc or strip in terms of the steady rate heat flow per milli volt output of the disc.

85504. Societe Anonyme De Machines Electrostatiques. Apparatus for dispersing and electrically charging substances in discrete particulate form. Accepted on 16th July 1964.

Comprising electrically conducting material, and means for directing or deflecting a gas stream entering the nozzle through inlet into a helical path.

85671. T. Watanabe. An electrostatic coating apparatus of spray-gun type. Accepted on 14th July 1964.

Comprises several nozzles fixed facing toward spraying direction wherein coating material outlets and air passages are respectively arranged in interconnecting relation with the coating material tank and forcing means.

85998. Nippon Rayon Co., Ltd. A process for improving dyeability of the fibres, mouldings, tubes and sheets. Accepted on 13th July 1964.
Blending polypropylene with 0.2-20% by weight of either bis-amides or bismethanes $R_1X_1R_2X_2R_3$; R_1, R_2 being alkyl, R_3 alkylene group and X_1 and X_2 are $-NHCO$ or $-C\bar{O}NH-$ and then treating with acid.

86020. The Bahnson Company. Apparatus for eliminating liquid droplets entrained in air stream and an air washing system incorporating the same. Accepted on 14th July 1964.
Comprising one or more rotor structures, means mounting said structure, as assembly of eliminator blades being planar, and means for rotation.

86025. Fabrique d'horlogerie Chs. Tissot & Fils S. A. Lever pallet for timepieces. Accepted on 14th July 1964.
Characterized in that the locking face and a part of the impulse face are situated on the armature and the remainder of the impulse face is situated on the lining.

86029. R. Wehinger. Process and device for the manufacture of structural plates. Accepted on 14th July 1964.
Wherein plates formed by setting of plaster is pushed out upward of moulding box by ram situated at bottom.

86040. Atlas Copco Aktiebolag. Improvements in two stage screw rotor machines. Accepted on 14th July 1964.
Partition wall between the low pressure stage and the high pressure stage of the machine forms sleeve-like sealing portions for cooperation with the sealing portions of the rotors.

86043. J. R. Geigy A.-G. Process for the production of acylamino-1, 4-benzo-quinones. Accepted on 14th July 1964.
Characterised by treating a 1-4 dialkoxy 1-4 diaralkoxy or 1-4 diphenoxy-acrylamino-benzene with a suitable oxidising agent and if desired introducing halogen into the benzo-quinones obtained by methods known per se.

86046. Westinghouse Brake and Signal Company Limited. Improvements in automatic slack adjuster for brakes. (15th February 1962). Accepted on 15th July 1964.
Comprising first and second member moveable telescopically relative to each other to effect slack adjustment, a sensing member located axially on the second member and mounted for movement therewith towards a stop.

86048. Socony Mobil Oil Company, Inc. Steam activated catalyst and method of cracking hydrocarbons using same. [Addition to No. 80522]. Accepted on 15th July 1964.
Comprises particles of a rare earth metal aluminosilicate suspended in and distributed throughout a binder, the surface area of the composition having been reduced by treatment with steam at a temperature in the range of about 400° to $1450^{\circ}F$ from 2 to about 100 hours.

86050. Tokyo Shibaura Electric Co., Ltd. Flash lamps. Accepted on 15th July 1964.
Includes a glass bulb containing a combustion accelerating gas filling, a mass of finely shredded foil of light producing material and alloys.

86073. Universal Moulded Fiber Glas Corp. Fabrication of articles composed of fibrous reinforced resin material. Accepted on 16th July 1964.
Wherein an axially extending layer of reinforcing strips impregnated with resin is formed in die passage with edges of adjacent strips of layer abut or overlap each other.

86078. S. Khan. Improvements in or relating to electric plug connectors. Accepted on 13th July 1964.
It has in combination and plug connector a flat strip, at least a pair of metallic pins forming the terminals.

86088. The Firestone Tire & Rubber Company. Polymerization of propylene by contacting the same with sodium, titanium chloride and tetrakis (dimethylamino) silane using an organozinc modifier. Accepted on 17th July 1964.
Comprises contacting monomer with a catalyst produced by mixing together metallic sodium, a titanium chloride and tetrakis (dimethylamino) silane.

86103. Commissariat A L'Energie Atomique. A liquefied gas transfer line. Accepted on 15th July 1964.
Characterized in that it is composed of a plurality of independent elements connected together in a fluid-tight manner, each of these elements being an individual static vacuum and situated by a tubular fluid-tight enclosure.

86116. Ciba Limited. Herbicidal preparations. Accepted on 13th July 1964.
Compound of type $R_{(n-1)}C_6H_5-O-C_6H_5NO_2$, CF_3 , R being halogen, alkyl or alkoxy group and $n=1, 2, 3$ or 4 admixed with diluents or solvents.

86125. M & T Chemicals Inc. (formerly Metal & Thermit Corporation). Method of preparing a plastic flame resistant composition and compositions thus prepared. Accepted on 16th July 1964.
Comprises blending together an organic polymeric plastic material, finely divided antimony oxychlorides and a thermally unstable chlorines containing material.

86150. Meopta Praha, Narodni Podnik. Improvements in or relating to planachromatic microscope objectives. Accepted on 16th July 1964.
Comprises two meniscus-shaped components inclusive of at least one thick meniscus, arranged in such a way that they face each other with their convex surfaces and are separated by at least one inserted collective component.

86151. Gunti & Company Private Limited. Power tiller converted into a multi-purpose agricultural machine. [Addition to No. 71281]. Accepted on 17th July 1964.
Gear box being provided with a flat surface to serve as a base for mounting a device such as a sprayer, a centrifugal pump, said gear box shaft being driven by the engine through belt and pulley arrangement and provided with dog clutches or friction clutches.

86171. A. G. E. Robiette. Production of ferro-chrome alloys. (24th January 1962). Accepted on 16th July 1964.
Comprises mixing finely divided iron-chrome oxide with finely divided carbonaceous reducing agent and subjecting the mixture to a heat treatment.

86179. Imperial Chemical Industries Limited. Process for the manufacture of new azo dyestuffs, dyestuffs so produced and textile materials treated thereby (29th January 1962). Accepted on 16th July 1964.
Treating a naphthol with a diazo compound derived from an amine and with an acylating agent.

86205. E. Jensen. Production of tubing. (26th January 1962). Accepted on 16th July 1964.
Locating the tubing with an easy fit along forming means extending the length of the tubing and changing the profile of said forming means uniformly throughout the length.

86216. Rohm & Haas Company. Process for the preparation of novel copolymers, copolymers so produced and lubricating oil containing the same. Accepted on 16th July 1964.
Comprises polymerizing at least one nitrogenous monomer and at least one other ethylenically unsaturated free radically polymerizable comonomer.

86242. United States Steel Corporation. Matte tin plate. Accepted on 13th July 1964.
Heating tin layer electrolytically deposited in steel base above 266°F and then treating with aqueous chromate solution.

86246. Imperial Chemical Industries Limited. Process for the manufacture of azo dyestuffs, dyestuffs so produced and textile materials dyed therewith. (7th February 1962). Accepted on 16th July 1964.
Comprises treating an azo compound with an acylating agent.

86267. Sicedison S.p.A. A process for obtaining alpha-chlorooximes and sulphates thereof. Accepted on 13th July 1964.
Reacting an organic compound containing a double olefinic bond with nitrosylsulphuric acid in presence of unhydrous hydrochloric acid.

86277. Dunlop Rubber Company Limited. Improvements in or relating to apparatus for and a method of treating an article in a bed of fluidisable solid material. (8th February 1962). Accepted on 17th July 1964.
Passing gas through cavity in porous element numbered in bed to fluidise same which contains article.

86308. W. Schelkmann. Casing having an air-tight closure and adapted to cover tyres under repair during vulcanisation. Accepted on 16th July 1964.
Characterised in that the casing has a closure which takes the form of a lip.

86312. P. C. Peer. Improvements in or relating to furniture. Accepted on 13th July 1964.
Comprising a cabinet having at least two compartments each divided into upper and lower section, the lower section is fitted with a horizontally hinged door which carries a slidably mounted seat.

86386. The Director, Indian Agricultural Research Institute, New Delhi. Fuel gas-air mixing device for internal combustion engine. Accepted on 17th July 1964.
A first seat formed within the tubular body of the device, an independant secondary tubular body for admission of air of said body being housed within the first mentioned body and having a second seat coacting with the first seat, a control valve in the secondary body to control the quantity of air.

86409. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Organic dyestuffs and process for their manufacture. Accepted on 16th July 1964.
An organic dyestuff is reacted with an alkylating agent in an aqueous medium in the presence of an acid-binding agent.

86411. Madhusudan Bhattacharyya. Method and apparatus for electro-magnetic pumping of incompressible liquids like water. Accepted on 14th July 1964.
The reciprocating motion of the piston or the plunger being brought about by a spindle, one end of which being connected to the piston or the plunger the other end carrying a hammer kept in position by leaf springs and actuated in the electromagnetic field by A.C. or by D.C. waves.

86450. Compagnie Generale De Geophysique and Institute Francais Du Petrole, Des Corburants Et Lubrifiants. Seismic prospection apparatus. Accepted on 14th July 1964.
Comprising transmitting means for seismic wave trains and electromagnetic wave trains, receiving means for the former to transform them to electromagnetic pulses, another recycling means for the latter, also delaying the same and means for allowing electromagnetic waves to release electromagnetic pulses to reach the recording means.

86458. Celanese Corporation of America. Smoking materials, cigarettes comprising a filler of the same and process of making the materials. Accepted on 16th July 1964.
Comprises impregnating a cellulose material into components comprising essentially a hydrated metal compound.

86484. United Aircraft Corporation. Fuel cell arrangement for a plurality of stacked fuel cells. Accepted on 14th July 1964.
Characterized in that one manifold consists of alike manifold segments associated with one fuel cell of the stack and adopted to interfit for assembling.

86494. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to winding machines for grids, particularly stretched grids for use in electric discharge valves and having different pitch values in the longitudinal direction of the grid. Accepted on 17th July 1964.
Provided with control members by which the difference between the speeds of rotation of the pitch-setting spindle and the winding spindle can be varied without jerks during the winding operation.

86547. General Electric Company. Improvements in or relating to a heat transfer member used in a distillation apparatus. Accepted on 16th July 1964.
Characterized in that the member includes a wall having a plurality of elongated parallel protuberances separated by depressions having a pitch (P) of from 0.050 inches, and a height H of from 0.050 inches to 0.250 inches and wall having a length (L) which compares to height (H) in a ratio of from 50 : 1 to 5000 : 1.

86625. Automatic Telephone & Electric Company Limited. Improvements in or relating to electronic decade counting circuits. (6th March 1962). Accepted on 13th July 1964.
Comprises four serially connected electronic toggle stages, a fifth stage, all said stages being adapted to produce a significant signal.

86627. Dunlop Rubber Company Limited. Improvements relating to coated articles. (9th March 1962). Accepted on 14th July 1964.
Comprising a polyurethane composition being the reaction product of an organic compound containing atleast two groups each containing an active hydrogen and an organic compound containing atleast two terminal groups each comprising an aliphatic radical attached to an—NCX radical in which X represents an oxygen atom or a sulphur atom.

86628. AMP Incorporated. Improvements in plugs for slugboards. Accepted on 14th July 1964.
Comprising a cylindrical, sleeve resilient means, and a nose member, being adapted on engagement to urge the detent.

86643. Sperry Rand Corporation. Single-edge guide for moving tape. Accepted on 17th July 1964.
A second surface portion of the spindle is contacted by one side wedge of the tape, the second surface portion being inclined in relation to the axis.

86644. Dunlop Rubber Company Limited. Wheel slip control device. (28th February 1962). Accepted on 16th July 1964.

Wherein signalling device governs by speed difference between braked and unbraked drive members, operates brake relieving means.

86646. Imperial Chemical Industries Limited. Textile printing process. (2nd November 1962). Accepted on 14th July 1964.

Steaming for not more than 2 minutes a cellulose fabric to which there has been applied a thickened vat dyestuff dispersion, an alkali, a reducing agent for the dyestuff and a reduction catalyst comprising a nickel salt or an organic or inorganic compound containing cobalt.

86683. Asahi Kasei Kogyo Kobushiki Kaisha. Process for one bath dyeing of mix spinned or blended goods of acrylonitrile polymer fibers and other fibers. Accepted on 16th July 1964.

One bath dyeing process with cataionic dyestuffs and anionic or dispersed dyestuff characterised in that the dye bath contains polyoxyethylenealkyl ether sulfate of higher alcohol.

86687. S. T. Dupont. Pressure reducer for liquefied gas containers. (28th February 1962). Accepted on 14th July 1964.

Wherein the regulating member is constituted by a filtering pad of compressible material, carried between two surfaces perpendicular to the axis of the expansion chamber.

86688. The McNally Pittsburg Manufacturing Corporation. Cyclone separator. Accepted on 16th July 1964.

Wherein the inlet communicating with the interior of housing has an cycloidal curvature.

86692. Ingersoll-Rand Company. Wire wrapping tool. Accepted on 17th July 1964.

A valve actuatable to control flow of pressurised fluid to the pneumatic motor rotatively driving the spindle of the tool, stop means for rotation with the spindle and control means disposed to engage the stop means and the valve.

86693. The Goodyear Tire & Rubber Company. Improvements in tire curing bladder. Accepted on 14th July 1964.

The axis of the bladder being in a vertical position within the mould, the upper half of the bladder having a greater thickness than the lower half.

86695. Mefina S. A. Improvements in or relating to washing machines. Accepted on 17th July 1964.

Separating device for the latter, independent of the circulating device, formed by a turbine wheel mounted loosely on an axle and rotated by the passage of air across it, its rotating movement effecting a centrifuging of the liquid constituent part of the lather for separating it from the air.

86748. Mefina S. A. Regulating mechanism for a sewing machine. Accepted on 16th July 1964.

Characterised in that the control member is a rotatable knob carrying a cam co-operating successively with two feelers, one feeler carried by the actuating lever and the other by the support lever.

86749. A. R. Dawson and R. V. Todd. Collapsible shelters. Accepted on 14th July 1964.

Comprising a collapsible framework and a flexible covering and means for counterbalancing the weight of the shelter.

86791. Sperry Rand Corporation. Transfer sheets and process for preparing the same. Accepted on 14th July 1964.

Coating comprising a gelled and initially water dispersible synthetic resin forming a microporous sponge containing a non solvent polar organic liquid having coloring substances dispersed therein.

86816. Hewitt-Robins International, S. A. Improvements in vibratory screen systems. Accepted on 16th July 1964.

Characterised by resilient support means movably supporting the masses and reaction spring means including buffer means having coactable elements to absorb energy from and restore energy to said masses.

86848. Shampodo Bose. Oral prophylactic or contraceptive. Accepted on 14th July 1964.

Comprising naturally occurring asafoetida and phosphates of alkaline earth metals.

86849. Standard Telephones and Cables Limited. Automatic telecommunication exchange with means for disconnecting a line from or reconnecting it to the exchange. Accepted on 14th July 1964.

Having switching means responsive to line identifying signals to extend connection to terminals associated with a subscriber, and means in each apparatus unit responsive to a special signal to disconnect the line from the exchange if it is connected thereto, and/or to reconnect the same if it is disconnected therefrom.

86855. J. A. Mulye. Improvements in or relating to gripping tools. Accepted on 14th July 1964.

Comprising a left and a right jaw and two handles each pivoted to respective jaw, the two jaws being hinged together by a pivot, the handles being hinged together by a pivot.

86864. Knorr-Bremse Kommanditgesellschaft. Transition coupling for vehicles running on rails. Accepted on 17th July 1964.

A holding device being provided at the vehicle, which carries the screw coupling and that this holding device keeping the free member of the coupling chain in case of uncoupled vehicles in a position suitable for coupling with the mid-buffer coupling according to the Indian parent patent application No. 85166.

86865. Hitachi Ltd. Transformer windings. Accepted on 14th July 1964.

Comprises winding units arranged on the opposite legs of an iron core and cross wise connected in series with each other by connecting wires, said connecting wires being cut into lead wires.

86879. Beton—Und Monierbau Aktiengesellschaft. Improvements in means for tensioning reinforcement rods. Accepted on 16th July 1964.

Comprising a tensioning jaw and jaw actuating means.

86886. J. R. Darukhanawalla. Booster and retarder for electric motor-coach train. Accepted on 14th July 1964.

Comprises a clutch and two flywheels mounted on an axle of a trailer coach in such a manner so as to enable the clutch and flywheel assembly to function either as a booster or as a retarder by taking advantage of transmission of kinetic energy to the trailer coach-wheels.

86894. W. F. Gerdts and H. R. Gerdts. Improvements in or relating to temperature-responsive devices comprising bimetallic lamellae. (5th April 1962). Accepted on 14th July 1964.

Therein the two lamellae in the or each pair consist of a larger lamellae and a smaller lamellae, the latter having an edge or edges abutting against the concave surface of the larger lamellae.

86895. Shell Internationale Research Maatschappij N. V. A process for the preparation of keto-ethers. Accepted on 14th July 1964.

Wherein the reaction between a primary aliphatic alcohol and an alpha, beta-unsaturated alkanone is carried out in the presence of a strongly basic anion exchange resin as catalyst.

86940. S. M. Sayeed. Improvements in or relating to time pieces. Accepted on 14th July 1964.

Time piece body is recessed at the back and in the recessed portion are fitted the keys for winding the movements and operating the hands and further there is provided a lug with a hole in the recessed portion and a stand pivotally secured to said lug.

86965. Shell Internationale Research Maatschappij N. V. Bubble tray provided with variable gas passages. Accepted on 16th July 1964.

Characterised in that the surface area of the valve bodies sealing the tray openings is not more than 1.2 times the surface area of the cross-section of the tray openings.

86969. British Nylon Spinners Limited. Improvements in or relating to coated woven fabrics. (15th March 1962). Accepted on 16th July 1964.

Consists of a combination of long and short floats in the warp and/or weft directions.

86987. AMP Incorporated. Improvements in multiple electrical connector panel assemblies. Accepted on 14th July 1964.

Panels are supported in a frame work in parallel relationship, support means for the second panel being movable in the second guide path to and from a position in which the second panel is movable in the first guide path and adapted to allow limited movement of the second panel parallel to the first panel when spaced from the first guide path and includes reversible actuating means.

87034. West Laboratories Inc. Acidic detergent iodine concentrates. Accepted on 15th July 1964.

By complexing iodine with a water soluble non-ionic surface active agent having detergent properties in the presence of hydroxy acetic acid or mixture thereof with phosphoric acid.

87036. The Gabriel Company. Vehicle suspension. Accepted on 17th July 1964.

A rigid outer tubular member open at one end and closed at the other, a rigid open ended cylindrical member fixedly secured at one end to the open end of said outer tubular member, a cylinder member defining hydraulic damping chamber.

87105. S. R. Cudnohufsky. Tracer control circuit for machine tools. (3rd April 1962). Accepted on 16th July 1964.

Comprising two pressure sources one capable of delivering substantially higher pressure than the other, a tracer valve for controlling the pressure supplied by the source of higher pressure to the first cylinder.

87113. Union Carbide Corporation. Compositions for influencing the growth of plants. Accepted on 16th July 1964.

Comprises as the active substance 3-haloacrylate anions or a 3-haloacrylate compound which gives the corresponding 3-haloacrylate anion on hydrolysis, in admixture with a diluent or a carrier, the composition containing from 0.05% to 50% of the active substance.

87157. Aaronson Bros. Limited. Improvements in or relating to methods of producing sheets of wood veneer and the sheets of wood veneer so produced. (28th March 1962). Accepted on 16th July 1964.

Comprising cutting veneer laminations and forming from them a V block in which the grains are in a direction across the V

of the block and slicing sheets from the block.

87217 Indian Oxygen Limited. Method of and apparatus for drying welding fluxes and like materials. Accepted on 16th July 1964.

Consists in generating heat in the welding flux itself by disposing the welding flux in a zone or zones of intense microwave energy, and controlling the microwave energy to avoid damaging the welding flux.

87230. United Engineering and Foundry Company. Apparatus for guiding material in strip form. Accepted on 16th July 1964.

The side guard is positioned so that the member engageable with the strip is located in a predetermined relationship relative to the coiling apparatus and means provided for urging the strip against said member.

87386. Minnesota Mining and Manufacturing Company. Adherent conductor. Accepted on 14th July 1964.

Comprises at least one elongate conductor member supported on a major surface of a thin tough resilient compressible sponge layer and covered by a thin tough flexible plastic film firmly bonded to said sponge and an adhesive layer on the other major surface of said sponge layer.

87465. Rockwell-Standard Corporation. Metal grate and method of making same. Accepted on 16th July 1964.

Comprises spaced support bars formed with apertures each having a notch, cross bars extending through said apertures with portions between support bars deformed to displace metal into the apertures and notches.

87475. Shell Internationale Research Maatschappij N. V. Process for the dehydrogenation of hydrocarbons. Accepted on 16th July 1964.

A gas containing the reactants and a finely divided solid acceptor are passed through an elongated chamber.

87478. Esso Research and Engineering Company. Method of preparing pelletized fertilizer and pelleted fertilizer so produced. Accepted on 16th July 1964.

Comprising a mixture of solid and smaller fertilizer particles than the pellet bound together in the said pellet by a plastic binder material and coating the pellet.

87489. General Electric Company. Improvements in or relating to stator for use in alternating current induction motors. Accepted on 16th July 1964.

The motor comprises a stator having a core including a yoke section with a plurality of angularly spaced apart teeth sections; wherein the teeth and yoke sections are greatest in magnetic cross section in the respective regions which include the highest total lines of flux produced by the winding.

87600. Imperial Chemical Industries Limited. Improvements in or relating to flexible sheet material. (30th April 1962). Accepted on 16th July 1964.

Consists of a fluorocarbon compound resin dispersed in a hard resinous polymerized unsaturated compound.

87607. Associated Electrical Industries Limited. Improvements in electromagnets. (25th April 1962). Accepted on 16th July 1964.

Comprising an electromagnet core having two limbs, two pole pieces secured to the limbs and including a flat part and a parallel part and having a exposed face.

87660. Nestle's Products Limited. Metal can with hermetic closure. Accepted on 17th July 1964.

Can body having an upper part and a replaceable lid having a peripheral lip, the adjacent surfaces of the can body and the peripheral lip of the lid being hermetically sealed together by means of a band of hardenable adhesive substance.

87667. Verwaltungsgesellschaft der Werkzeugmaschinenfabrik Oerlikon. Electrical welding apparatus. Accepted on 14th July 1964.
Comprises an a.c. power source, a transformer, an electrode, an ammeter variable resistors and reactor means wherein the said reactor means includes a primary winding, a control winding and a direct current supply source connected to the said control winding, the reactor means primary winding being in series with said transformer primary winding and said electrode.

87688. A. I. McFarlan. A fire-extinguishing system for a cooling tower. Accepted on 17th July 1964.
Providing pump to circulate water through cooling tower, first control to initiate its operation and second control responsive to temperature of packing to initiate the first control.

87762. California Research Corporation. Mixed fungicide preparation. Accepted on 16th July 1964.
Comprises dissolving a salt of one acyl substituted nitrogen compound in a non-solvent and adding with vigorous agitation a sulphenyl halide.

87916. Sandoz Ltd. Process for the production of quinacridine diones. Accepted on 16th July 1964.
Comprises effecting the condensation reaction with the aid of a phosphorus halide as condensing agent and in the presence of an organic solvent.

87917. E. Q. Sylvester. Apparatus for pressure pouring cast metal articles and sealing means therefor. Accepted on 14th July 1964.
Comprising a cover detachably secured to the main portion of outer container and having an aperture for the reception therethrough of pouring tube, a flange portion formed about said tube, and a generally, tubular sealing member circumfering said pouring tube.

87918. E. Q. Sylvester. Method and apparatus for casting metal articles. Accepted on 14th July 1964.
Apparatus comprising a ladle including a body and a pouring tube rising from the lower portion of the ladle body, a closure member removably secured to and closing the upper open end of the pouring tube and means for applying pressure in said tube and chamber.

87923. Western Electric Company, Incorporated. Method of producing silicon films on semiconductor substrates. (14th January 1963). Accepted on 16th July 1964.
Heating the transfer body and substrate to a temperature of from 100°C to 300°C higher than the substrate, in a chamber maintaining a pressure of 10⁻⁸ mm. Hg or less, so that an epitaxial deposition takes place on the substrate.

87954. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to devices comprising a cylinder and a piston which is adapted to reciprocate within the cylinder and is coupled to a driving gear, in which the seal between the piston and the cylinder is in the form of a rolling diaphragm. Accepted on 14th July 1964.
Having one of the two spaces separated by the piston contains a displaceable column of liquid which constitutes the coupling between the piston and the driving means.

88206. Klockner-Humboldt-Deutz Aktiengesellschaft. A vibratory centrifuge for the dewatering of fine granular material. (11th January 1963). Accepted on 16th July 1964.
Comprises a sieve drum which is mounted at its two ends and vibrates particularly in a horizontal axial direction and to which the material to be centrifuged is supplied through a stationary tube.

88226. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. Process for the production of the complex esters and esters thus produced. Accepted on 14th July 1964.
Reacting polycarboxylic acids or their derivatives with metadioxane and alcohols or ethers containing at least one free OH-group.

88251. Amsted Industries Incorporated. Clamping arrangement for pressure casting apparatus. Accepted on 16th July 1964.
Characterized in that the securing means includes a plurality of circumferentially spaced generally vertically disposed arms, a supporting structure carried by the tank adjacent to and associated with each arm and power means mounted on each supporting structure.

88427. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process for preparing heteroblock copolymers. Accepted on 17th July 1964.
Characterised in that the polymerization is carried out in the gaseous phase by contacting alternately with the catalyst the olefin monomers.

88499. Algemene Kunstzijde Unie N. V. Process for improving the mechanical characteristics to the high-tenacity rayon yarns used as reinforcements in articles of rubber or plastic material. Accepted on 15th July 1964.
Wherein the yarn is treated with an aqueous solution of a dialdehyde under certain selected conditions, followed by heat treatment thereof.

88549. Stewarts and Lloyds Limited. Resistance welder. Accepted on 14th July 1964.
Heating edges to welding temperature by applying contacts connected to a source of radio frequency currents to points in advance of welding point at closely spaced positions on opposite sides of the line of the seam, and maintaining contacts in slidable relation with metal portions.

89148. Allied Chemical Corporation. Purification of nitrocyclohexane. Accepted on 17th July 1964.
Comprises dissolving impure nitrocyclohexane in a liquid medium, allowing a substantial proportion to precipitate and decomposing it.

89294. Teijin Limited. A thermoplastic composition for shaping. Accepted on 17th July 1964.
Comprises a cellulose ester of an organic aliphatic acid containing at least one polymer of olefin type.

89795. Lodge-Cottrell Limited. Improvements in and relating to electrical insulator. (29th September 1962). Accepted on 15th July 1964.
Comprises a dielectric body adapted to be passed through an aperture in a wall of an enclosed chamber and to be secured in gas-tight relationship with said wall at, or around, said aperture, a substantially non-frangible shield being adapted to be secured in gas-tight relationship with said wall around said aperture.

89803. Associated Lead Manufacturers Limited. Improvements in the manufacture of dibasic lead phthalate. (21st September 1962). Accepted on 16th July 1964.
Mixing litharge and phthalic anhydride as dry powders in stoichiometric proportions with sufficient water to produce a paste and heating the mixture.

3199. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. Process for hydrogenised cracking of light hydrocarbons on a catalyst with a metallic compound as base. Accepted on 13th July 1964.

Adding 5 to 5,000 parts per million by weight of sulphur to the fraction of hydrocarbons in the form of a gaseous sulphur compound and recycling major part of the sulphur compounds separated off from the effluent.

3336. R. P. Heuer. Improvements relating to refractory bricks containing calcined magnesia. (31st October 1961). [Divisional date 30th October 1962]. Accepted on 15th July 1964.

Comprising mixing 20 to 80% each of two different magnesias to form a mixture containing 90% or more of Mg⁰, 0.8 to 3%, Si⁰, one of said magnesias having lime, silica and a mineralogical component of calcium magnesium silicate and the other having more than 2% ferric oxide, having lime and silica as impurities and 2% or more of dicalcium ferrite, and heating the mixture to 1000°C to 1700°C.

3981. Westinghouse Brake and Signal Company Limited. Improvements for automatic slack adjuster for brakes. (15th February 1962). [Divisional date 15th January 1963]. Accepted on 15th July 1964.

Wherein first means detects any excess of brake clearance over the normal and second means preserves the relative positions of the nuts on the screw-threaded member upon movement of the two members.

Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—

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Patents Sealed

78087. 78582. 79109. 79636. 79701. 79959. 80523.
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83076. 83392. 83656. 83693. 83736. 83844. 83845.
84156. 84220. 84312. 84665. 84834. 84840. 84864.
84877. 85142. 85334. 85737. 86008. 87046. 90029.

Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Farbenfabriken Bayer Aktiengesellschaft, of Leverkusen-Bayerwerk, West Germany, a body corporate organised under the Laws of Germany, seek leave to amend the description and claims in the specification in respect of Patent application No. 81213. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Phillips Petroleum Company, a corporation organized under the laws of the State of Delaware, United States of America, of Bartlesville, State of Oklahoma, United States of America, seek leave to amend the description in the specification in respect of application for Patent No. 85427. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, given notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(3)

The amendment proposed by Chas. Pfizer & Co., Inc., in respect of Patent application No. 76634 as advertised in Part III, Section 2, of the Gazette of India, dated the 4th April 1964, has been allowed.

(4)

The amendments proposed by Aschaffenburger Zellstoff-
werke Aktiengesellschaft, in respect of application for Patent No. 79421 as advertised in Part III, Section 2, of the Gazette of India, dated the 11th April, 1964 have been allowed.

(5)

The amendment proposed by Phillips Petroleum Company in respect of application for patent No. 82704 as advertised in Part III, Section 2, of the Gazette of India, dated the 11th April, 1964, has been allowed.

Renewal Fees Paid

40257. 41777. 41847. 42832. 43526. 43604. 43627.
43773. 45364. 45603. 45794. 45843. 45935. 46125.
46325. 47721. 47735. 47752. 47831. 47845. 47936.
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69270.	69277.	69346.	69568.	69589.	69590.	69706.
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Cessation of Patents

42881.	42893.	42897.	44878.	46979.	49250.	49264.
51602.	56940.	56941.	56944.	56961.	60010.	60011.
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Restoration Proceedings

An order has been made on the 15th July 1964, restoring the Patent No. 69270 dated as of the 6th October 1959 granted to Augusto Gentilini for "Weaving loom with undulatory motion".

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 3. No. 120972. Swan (India) Private Ltd., Advani Chambers, Sir Phirozshah Mehta Road, Fort, Bombay-1, Maharashtra, Indian Co., "Fountain pens", February 1, 1964.

Class 5. No. 121259. Shiva Nath Agarwal, Ramganj, Kanpur, U.P., Indian subject, "Carton", February 21, 1964.

Class 5. No. 122210. Parash Hosiery, a Registered Indian Partnership firm, 203/1, Mahatma Gandhi Road, (Parakh Kothi), 4th Floor, Calcutta-7, West Bengal, "Label", May 19, 1964.

Class 13. Nos. 121727 to 121730. The Crown Spg. & Mfg. Co. Ltd., Gokhale Road (South) Parel, Bombay-13, Maharashtra, Nationality—Indian Company, "Textile goods", March 25, 1964.

Class 13. Nos. 121735 to 121738. The National Cloth Printing Works, New Cotton Mills No. I Compound, Kankaria Road, Ahmedabad (Indian), "Textile fabrics", March 30, 1964.

Class 13. Nos. 121847 to 121868. The Shree Niwas Cotton Mills Ltd., an Indian Firm, Delisle Road, Bombay-13, "Cotton piecegoods", April 8, 1964.

Class 13. Nos. 122421 to 122452, 122454, 122455, 122457 and 122458. The India United Mills Ltd., Indu House, Dougall Road, Ballard Estate, Bombay-1, a Company incorporated in India, "Textile piece goods", June 11, 1964.

Copyright Extended for a Second Period of Five Years

Design Nos. 99428, 99667 and 100126 Class 3

A. JOGARAO
Controller General of Patents,
Designs and Trade Marks.